

DAQA- 906 -20 17  
 Checklist Only 10

**UTAH DIVISION OF AIR QUALITY  
 ASBESTOS INSPECTION REPORT CHECKLIST**

Site Name: Miska Residence Date/Time of Inspection: 10/2/17  
 Address: 519 E 600 S Inspector(s): Lauren Adrion  
SLC, UT 84102 Inspection Notice #: LA-0102  
 Applicable Rules: State (R307-801)  NESHAP (61.145) \_\_\_\_\_ AHERA (763.83) \_\_\_\_\_ MAP  Other \_\_\_\_\_  
 Inspection Report Company: Aerolite Consulting LLC Telephone: 801-400-7867  
 Other Company: MB Construction Telephone: 435-671-0739  
 Description of Project/Other Factors: Limited asbestos inspection report for the removal of wood windows using lead safe practices.

**Instructions:** Please check the status of each Compliance item. If the company is in compliance, mark the "In" line. If the company is out of compliance, mark the "Out" line. If a rule applies but evidence is **not observable during inspection**, or is unable to be observed, then circle the "Rule #". If a rule is **not applicable**, then draw a line through the "Rule #". Comments regarding non-compliance items can be made on back.

**EXAMPLE**

In	Out	Rule #	Notification / Inspection
X	_____	61.145.a	thorough inspection for ACM conducted prior to any renovation or demolition work
_____	_____	61.145.b	10-day notification submitted to DAQ prior to start of project ( <b>not observable during inspection</b> )
_____	_____	61.145.e	all ACM removed prior to intentional burning ( <b>not applicable</b> )

**INSPECTION**

Inspection Date: 12/19/2016

In	Out	Rule #	Rule Description 40 CFR 61, UAC R307
<input checked="" type="checkbox"/>	_____	61.145(a)	Thorough inspection for ACM conducted prior to any renovation or demolition work
<input checked="" type="checkbox"/>	_____	801-5(1)	Certified Company #: ASC- <u>520 (Aerolite)</u> Ex. Date: <u>12/31/17</u>
<input checked="" type="checkbox"/>	_____	801-6(1)	Certified Inspector #: AS- <u>4281 (Jon Brockbank)</u> Ex. Date: <u>10/28/17</u>
<input checked="" type="checkbox"/>	_____	801-9(2)	Inspect for ACM and generate inspection survey report; report available on-site
<input checked="" type="checkbox"/>	_____	<del>801-9(4)</del>	Inspection older than three years reviewed and updated
<input checked="" type="checkbox"/>	_____	801-10(3)	Inspection identifies where demolition will occur and accessible suspect ACM
<input checked="" type="checkbox"/>	_____	801-10(4&5)	Inspector used approved sampling method or assumed suspect ACM contained asbestos
<input checked="" type="checkbox"/>	_____	801-10(6)	Inspection report contains required information, including:
<input checked="" type="checkbox"/>	_____	801-10(6)(a)	Description of the area and scope of activities
<input checked="" type="checkbox"/>	_____	801-10(6)(b)	List of all suspect ACM identified in the affected area
<input checked="" type="checkbox"/>	_____	801-10(6)(b)(i)	Amounts of suspect ACM identified in linear, square, or cubic feet
<input checked="" type="checkbox"/>	_____	801-10(6)(b)(ii)	Clear description of distribution of suspect ACM
<input checked="" type="checkbox"/>	_____	801-10(6)(b)(iii)	Statement for all materials of assumed, or sampled and demonstrated to or not to contain asbestos
<input checked="" type="checkbox"/>	_____	<del>801-10(6)(b)(iv)</del>	Material is RACM, Cat I or II ACM that may or will be friable when subjected to proposed activities
<input checked="" type="checkbox"/>	_____	801-10(6)(c)	A list of samples: i- material, ii- location, iii- analysis type, iv- amounts of each type by results

↓  
all  
non-ACM

801-10(6)(d) A list of potential locations of suspect material that were not accessible to inspect  
 801-10(6)(e) Inspection report contains a list of all inspectors, companies, and certification numbers  
 801-10(8) Analysis of samples by accredited or proficient persons or laboratories *Dixon Info.*

Inspector's Comments:

Limited asbestos inspection report appears to be in compliance at time of inspection.

Inspector's Recommendation: In Compliance/No Further Action  Other: \_\_\_\_\_

Inspector's Signature: *Jason Cannon*

Date: 10/2/17

Supervisor's Signature: *Jim W. Fry*

Date: 10/16/17

Supervisor's Comments: I Agree with the inspector's recommendation of in compliance / no further action.

Attachments: Inspector's Report



**UTAH DEPARTMENT OF ENVIRONMENTAL QUALITY  
DIVISION OF AIR QUALITY**  
195 North 1950 West, Salt Lake City, UT 84114-4820 Ph. (801) 536-4000 Fax (801) 536-4099

No: **LA-0102**

**Inspection Notice**

Applicable Regulations:  Utah Asbestos Rule  Asbestos NESHAP  AHERA  State/Federal LBP Other: \_\_\_\_\_  
 Type of Inspection:  Complaint  Pre-Renovation  Renovation  Post-Renovation  Pre-Demolition  Demolition  Post-Demolition  Landfill  Inspection Report  
 Course Audit  Abatement  RRP  LBP Report  MAP  Routine  Reinspection  Other Person  For Cause Other: Desk Audit - Limited Asb. Rep

Source (owner) Name: <u>James Miska</u>	Date of Inspection: <u>10/2/17</u>	Time In: <u>N/A</u>	Time Out: <u>N/A</u>
Mailing Address: <u>519 E 600 S</u>	Contractor Name: <u>Aerolite Consulting LLC</u>		
City/County: <u>SLC</u> Zip Code: <u>84102</u>	Mailing Address: <u>1162 W 1325 S</u>		
Contact: <u>Michael Baer</u> Phone: <u>435-671-0739</u>	City/County: <u>Springville</u>	Zip Code: <u>84664</u>	
Facility Inspected: <u>Miska Residence</u>	Contact: <u>Jon Brockbank</u>	Phone: <u>801-400-7867</u>	
Street Address (location): <u>519 E 600 S</u>	Project/Course Dates: <u>9/29/17 - 10/1/17</u>		
City/County: <u>SLC</u> Zip Code: <u>84102</u>	Project/Course Notification Date: <u>9/20/17</u>		

This inspection has revealed the following potential violations of Utah Administrative Code or USEPA Regulations:

Review of a Limited Asbestos Inspection Report by Aerolite for the removal of exterior windows in a residence.

Report appears to be in compliance.

Additional information requested, to be submitted within ( ) days:

The observations made during the inspection will be reviewed by the Utah Division of Air Quality and USEPA Regional Office. A final determination of compliance will be made as a result of this review. The review may reveal additional potential violations.

Receipt of this Inspection Notice is acknowledged

Inspector's Signature: Lauren Adrion

Signature:

Printed Name: Lauren Adrion

Printed Name:

Accompanying Inspectors:

Title:

E-Mail Address:

**ACCEPTED****LBP ABATEMENT NOTIFICATION**

Submitted: 09/20/2017

**I. Type of Notification**

- Initial LBP Abatement Project Notification
- Emergency LBP Abatement Project Notification

**II. Facility Information**

Facility Name James Miska

Address 1 519 E 600 S

Address 2 \_\_\_\_\_

City SLC County Salt Lake Zip Code \_\_\_\_\_

Structure Type Child-Occupied Facility Amount of Material 56 sq. ft.

Fee: \$ \_\_\_\_\_ .00

**III. Facility Owner/Operator**

Name Miska

Address 1 519 E 600 S

Address 2 \_\_\_\_\_

City SLC State UT Zip Code \_\_\_\_\_

Contact Person Mike Contact Phone 435-671-0739

**IV. LBP Contractor**

Contractor MB Construction Inc.

Address 1 700 South 930 East

Address 2 \_\_\_\_\_

City Heber State UT Zip Code 84032

Contact Person Michael Baer Contact Phone 4356710739

**V. Activity Dates and Times** 

Preparation Start Date	<u>09/29/2017</u>	Preparation End Date	<u>10/01/2017</u>
Abatement Start Date	<u>09/29/2017</u>	Abatement End Date	<u>10/01/2017</u>
<b>Working Days</b>	<b>Start Time</b>	<b>End Time</b>	
Sunday	<input type="checkbox"/>	<u>6:00</u>	
Monday	<input type="checkbox"/>		
Tuesday	<input type="checkbox"/>		
Wednesday	<input type="checkbox"/>		
Thursday	<input type="checkbox"/>		
Friday	<input checked="" type="checkbox"/>	<u>9:00</u>	
Saturday	<input type="checkbox"/>		

**VI. Description of the Abatement Project** 

Remove and replace multiple wood windows using lead safe practices
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**VII. Waste Disposal Site** 

Disposal Site	<u>Salt Lake County Landfill</u>					
Address 1	<u>6030 West California Avenue</u>					
Address 2						
City	<u>Salt Lake City</u>	State	<u>UT</u>	Zip Code	<u>84104</u>	
Contact Person		Contact Phone	<u>801-974-6920</u>			

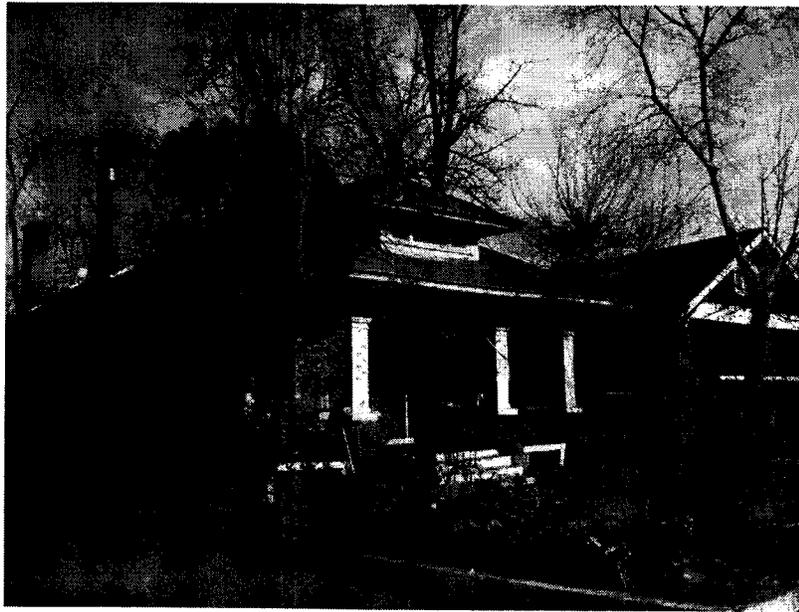
**VIII. Comments** 

Will forward Asbestos and Occupant plans
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## Limited Asbestos Survey

**Kenyon Consulting- James Mika  
519 E 600 S Salt Lake City, Utah**



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1162 W. 1325 S.  
Springville, UT 84664  
801-400-7867  
[www.Aerolitegroup.com](http://www.Aerolitegroup.com)



Limited Asbestos Inspection  
Kenyon Consulting- James Mika

A. Introduction

Asbestos bulk sampling was conducted for Kenyon Consulting whose client, James Mika's property is located at 519 E 600 S Salt Lake City, UT. The results of that survey are listed in the following summary table as well as on the laboratory analysis that is included in this inspection survey. This inspection was completed for the given property to assist in the demolition and/or remodel of the areas listed on this survey. Jonathan D. Brockbank is a state accredited asbestos inspector, ASB-4281. Aerolite Consulting LLC is a certified asbestos company, ASBC-520.

B. Bulk Sample Summary

Sampling was conducted on 12-19-2016 and samples were analyzed by Dixon Information Inc.

Walls are listed as A,B,C, or D. Wall "A" is the wall closest to the road at the front of the building and walls B,C, & D are in order clockwise around each room. Possible Asbestos Containing Building Material shall be listed on report as "Possible ACBM". Regulated Asbestos Containing Material shall be listed on report as "RACM".

Sample #	Possible ACBM	Location	Method	Sample Results	PLM	Point Count	Quantity
G2	Window Glazing	Exterior south side window	PLM	1% Tremolite Cleavage Fragments	No		40 lf

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### C. Summary

State regulations and Federal OSHA requirements state that any and all asbestos containing materials (ACM) be removed by properly trained and certified professionals. Abatement is necessary for materials which are or may become friable during the demolition, renovation, or remodel.

1. No asbestos was found in the sample. Tremolite cleavage fragments are not considered asbestos.

### D. Additional Considerations:

i. **Point Count Analysis:**

PLM analysis (polarized light microscopy) is a visual estimation of asbestos in the materials sampled. If samples taken are listed on this report as containing less than 1% asbestos they are still considered to contain regulated levels of asbestos unless additional Point Count Analysis is performed by the designated laboratory. Point Counting is a more specific, yet random counting of asbestos fibers and is required by the EPA prior to labeling any asbestos material as non-regulated.

ii. **OSHA:**

a. Although the EPA and, in turn, the State's Division of Air Quality do not consider materials that contain less than 1% asbestos to be RACM (Regulated Asbestos Containing Material), there are still OSHA regulations in place to protect workers as they come in contact with these asbestos materials. Reviewing these regulations prior to demolition/renovation is recommended to ensure compliance.

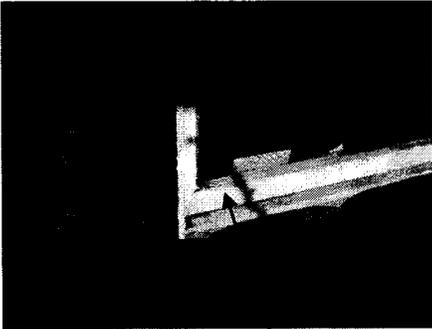
Aerolite Consulting LLC has performed this asbestos survey to identify the existence and condition of possible asbestos containing materials. Aerolite Consulting LLC has completed this survey in a reasonable and professional manner to identify any suspect materials that are friable or may become friable if disturbed during any proceeding demolitions, renovations, or remodels. Sampling was performed in a limited and selective manner to minimize damage to the building structure. There is always a possibility for potential SACM (suspect asbestos containing materials) not identified or sampled during the survey. These SACM may be covered or hidden by floors, walls, ceilings, and possibly other areas not accessible during the survey. Although there is a low possibility of additional SACM being present in the building, it is always prudent for the contractor providing the demolition, renovation, or remodel to be aware of this possibility and to take appropriate actions if additional SACM are discovered. If additional SACM are uncovered, it is recommended that appropriate precautions be taken which may include but are not limited to additional sampling. Contact Aerolite Consulting LLC if any SACM that were not sampled are discovered.

Note: This survey is a limited asbestos inspection and only includes and applies to the areas and materials listed.

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Jonathan D. Brockbank

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Springville, UT 84664  
801-400-7867  
www.Aerolitegroup.com



G2

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Springville, UT 84664  
801-400-7867  
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 SPENCER J. COX  
 Lieutenant Governor

Department of  
 Environmental Quality

Alan Matheson  
 Executive Director  
 DIVISION OF AIR QUALITY  
 Bryce C. Bird  
 Director

**Utah Asbestos Certification**  
**Jonathan D. Brockbank**  
**ASB-4281**  
 Inspector (Environmental)




*Bryce C. Bird*  
 Director, Utah Division of Air Quality

DAQA-001-16

November 2, 2016

Jonathan D. Brockbank  
 Aerolite Consulting, LLC  
 1162 West 1325 South  
 Springville, UT 84663

Dear Mr. Brockbank:

Re: Utah Asbestos Program Individual Certification Card

The Utah Division of Air Quality (DAQ) has reviewed your Utah Asbestos Program Certification Application for Individuals and we are pleased to inform you that your application has been approved. Your new asbestos program individual certification card is enclosed with this letter and this card is the sole method of individual certification documentation that you will receive from the DAQ.

Please check the information on your asbestos program certification card carefully. Please confirm that the photograph, name, and certification discipline(s) are correct. Also, please remember to keep your current asbestos program certification card with you at all times when you are performing regulated asbestos work activities.

If you have any questions regarding this letter or the enclosed asbestos program certification card, please contact Lisa Haroutunian at (801) 536-4007 or at lharoutunian@utah.gov.

Sincerely,



Robert W. Ford, Manager  
 Air Toxics, Lead-Based Paint, and Asbestos Section

RWF:LH:lr  
 MZ  
 LW

195 North 1950 West, 4<sup>th</sup> Floor • Salt Lake City, UT  
 Mailing Address: P.O. Box 144820 • Salt Lake City, UT 84114-4820  
 Telephone (801) 536-4000 • Fax (801) 536-4099 • T.D.D. (801) 536-4414  
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 1162 W. 1325 S.  
 Springville, UT 84664  
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## DIXON INFORMATION INC.

MICROSCOPY, ASBESTOS ANALYSIS & CONSULTING

A.I.H.A ACCREDITED LABORATORY # 101579

NVLAP LAB CODE 101012-0

December 21, 2016

Mr. Jon Brockbank  
Aerolite Consulting  
1162 W. 1325 S.  
Springville, UT 84663

Ref: Batch # 140280, Lab # AC4186  
Received December 19, 2016  
Test report, Page 1 of 3  
519 E 600 S, SLC  
James Mika  
Sampled by Jon Brockbank

Dear Mr. Brockbank:

Sample AC4186 has been analyzed by visual estimation based on EPA-600/M4-82-020 December 1982 optical microscopy test method, with guidance from the EPA/600/R-93/116 July 1993 and OSHA ID 191 methods. Appendix "A" contains statements which an accredited laboratory must make to meet the requirements of accrediting agencies. It also contains additional information about the method of analysis. Appendix "A" must be included as an essential part of this test report. This analysis is accredited under NVLAP Lab Code: 101012-0. It does not contain data or calibrations for tests performed under the AIHA program under lab code 101579.

This report may be reproduced but all reproduction must be in full unless written approval is received from the laboratory for partial reproduction. The results of analysis are as follows:

Lab AC4186, Field G2 Window Glazing

This sample contains two types of material: The first type is off white coating; the second type is 1% talc fiber and 1% tremolite cleavage fragments in off white limestone glazing. This sample is non-homogeneous.

The first type is 2% of the sample. The second type is 98% of the sample.

**Note:** Under certain geologic conditions, talc and amphibole minerals occur in the same deposit. In some of those deposits, asbestiform fibers grow. The chemical composition and crystal structure of these fibers range between that of talc and that of anthophyllite, the fibers are asbestiform mineraloids which can be very difficult to characterize by PLM and/or TEM.

**Note:** Some of the tremolite cleavage fragments have an aspect ratio exceeding 3:1. EPA 600/M4-82-020 defines asbestos as being positively identified as one of the minerals listed in Table 1-1 with an aspect ratio exceeding 3:1. Guidance from EPA/600/R-93-116 would not classify this tremolite as asbestos, as the mean aspect ratio does not exceed 20:1. OSHA ID 191 has exempted tremolite cleavage fragments from inclusion in the OSHA asbestos standard.

78 WEST 2400 SOUTH | SOUTH SALE LAKE, UTAH 84115-3013

PHONE 801-486-0800 | FAX 801-486-0849 | RES 801-571-7695

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1162 W. 1325 S.  
Springville, UT 84664  
801-400-7867  
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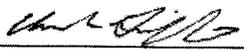


Batch # 140280  
Lab # AC4186 - AC4186  
Page 2 of 3

In order to be sure reagents and tools used for analysis are not contaminated with asbestos, blanks are tested. Asbestos was none detected in the blanks tested with this bulk sample set.

Very truly yours,

Steve H. Dixon, President

Analyst: Chandler Griffith  Date Analyzed: December 20, 2016

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